Subject index

- adipose tissue, human development, fetuses, pelvis, connective tissue, 79
- AGA, visual acuity, development, neonates, preterms, fullterms, SGA, low birth rate, low-risk, 155
- amniotic fluid, IGF-1, IGFBP-1, extraembryonic coelom, first trimester, 105
- anaemia of prematurity, erythropoietin, Jehovah's Witness, 279
- anetpartum fetal death, congenital anomaly, exposure to hazards, paternal smoking, risk factor, threatened abortion, 193
- asymmetric and symmetric intrauerine growth retardation, preterm infant, neurological development, 7
- atrial natriuretic peptide, cyclic guanosine monophosphate, sodium excretion, preterm infant, newborn, 145
- behavioural assessment, neonatal behaviour, lowrisk full-term infant, cultural background, neurological examination, 265
- behavioural assessment, neonatal behaviour, lowrisk full-term infant, obstetric condition, neurological examination, 253
- bioelectrical maturation, preterm infants, EEG, peri- and neonatal cerebral lesions, 37
- birth morphology, spastic cerebral palsy, intrauterine growth, 91
- body temperature, preterm infants, tympan temperature, skin temperature, 1
- co-contraction, general movements, early infancy, EMG, reciprocal activity, 231
- compliance, Hering Breuer reflex, premature birth, lung function, tidal volume, 111
- computer analysis, fetal heart rate, rest-activity cycles, fetal behavioural state concept, interpretation of fetal heart rate patterns, 27
- congenital anomaly, anetpartum fetal death, exposure to hazards, paternal smoking, risk factor, threatened abortion, 193
- connective tissue, human development, fetuses, pelvis, adipose tissue, 79
- cultural background, neonatal behaviour, lowrisk full-term infant, neurological examination, behavioural assessment, 265

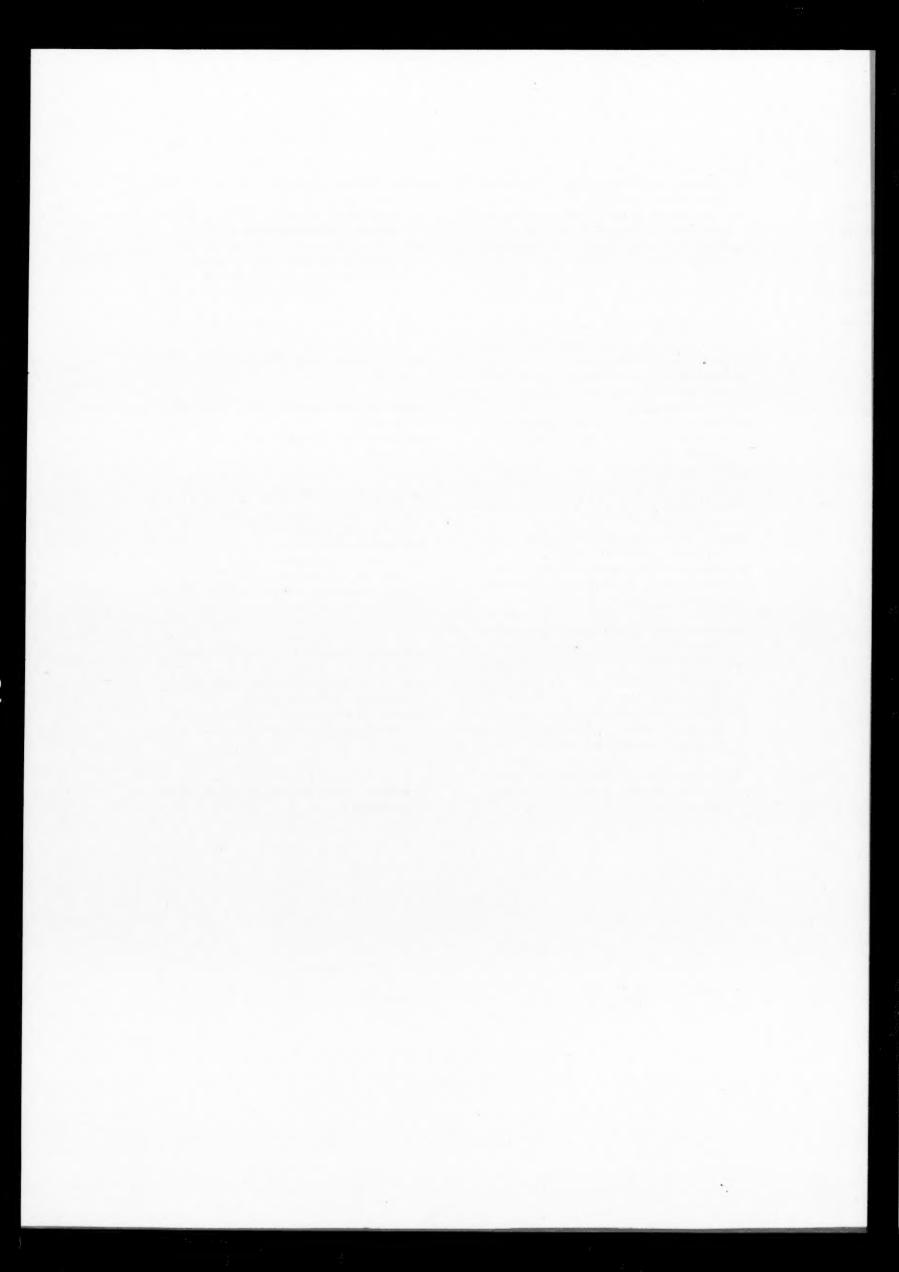
- cyclic guanosine monophosphate, atrial natriuretic peptide, sodium excretion, preterm infant, newborn, 145
- data analysis, heart rate variability, spectral analysis, sleep, newborn infant, premature
- development, visual acuity, neonates, preterms, fullterms, SGA, AGA, low birth weight, low-risk, 155
- early infancy, general movements, EMG, cocontraction, reciprocal activity, 231
- early infancy, general movements, neurological development, video analysis, 201
- EEG, preterm infants, bioelectrical maturation, peri- and neonatal cerebral lesions, 37
- EMG, general movements, early infancy, cocontraction, reciprocal activity, 231
- enthyroid neonates, thyrotropin, parturition, 19 erythropoletin, anaemia of prematurity, Jehovah's Witness, 279
- exposure to hazards, anetpartum fetal death, congenital anomaly, paternal smoking, risk factor, threatened abortion, 193
- extraembryonic coelom, IGF-1, IGFBP-1, amniotic fluid, first trimester, 105
- fetal behavioural state concept, fetal heart rate, computer analysis, rest-activity cycles, interpretation of fetal heart rate patterns, 27
- fetal breathing movements, lung development, premature rupture of the amniotic membranes, oligohydramnios, 133
- fetal heart rate, computer analysis, rest-activity cycles, fetal behavioural state concept, interpretation of fetal heart rate patterns, 27
- fetal movements, movement quality, intrauterine growth retardation, low birth weight, neuro-logical condition, 119
- fetus, sulphotransferase, lung, xenobiotics, steroids, 65
- fetus, vasopressin, human, neonate, skeletal muscle, 215
- fetuses, human development, pelvis, connective tissue, adipose tissue, 79

- first trimester, IGF-1, IGFBP-1, amniotic fluid, extraembryonic coelom, 105
- fullterms, visual acuity, development, neonates, preterms, SGA, AGA, low birth weight, low-risk, 155
- general movements, early infancy, EMG, cocontraction, reciprocal activity, 231
- general movements, early infancy, neurological development, video analysis, 201
- heart rate variability, spectral analysis, data analysis, sleep, newborn infant, premature, 169
- Hering Breuer reflex, premature birth, lung function, compliance, tidal volume, 111
- human development, fetuses, pelvis, connective tissue, adipose tissue, 79
- human, vasopressin, fetus, neonate, skeletal muscle, 215
- IGF-1, IGFBP-1, amniotic fluid, extraembryonic coelom, first trimester, 105
- IGFBP-1, IGF-1, amniotic fluid, extraembryonic coelom, first trimester, 105
- intensive care, monocytosis, preterm infants, neonatal infection, 223
- interpretation of fetal heart rate patterns, fetal heart rate, computer analysis, rest-activity cycles, fetal behavioural state concept, 27
- intrauterine growth retardation, fetal movements, movement quality, low birth weight, neurological condition, 119
- intrauterine growth, spastic cerebral palsy, birth morphology, 91
- Jehovah's Witness, erythropoietin, anaemia of prematurity, 279
- low birth weight, fetal movements, movement quality, intrauterine growth retardation, neurological condition, 119
- low birth weight, visual acuity, development, neonates, preterms, fullterms, SGA, AGA, low-risk, 155
- low-risk full-term infant, neonatal behaviour, cultural background, neurological examination, behavioural assessment, 265
- low-risk full-term infant, neonatal behaviour, obstetric condition, neurological examination, behavioural assessment, 253
- low-risk, visual acuity, development, neonates, preterms, fullterms, SGA, AGA, low birth weight, 155 lung development, fetal breathing movements, premature rupture of the amniotic membranes, oligohydramnios, 133

- lung function, Hering Breuer reflex, premature birth, compliance, tidal volume, 111
- lung, sulphotransferase, fetus, xenobiotics, steroids, 65
- monocytosis, preterm infants, neonatal infection, intensive care. 223
- movement quality, fetal movements, intrauterine growth retardation, low birth weight, neurological condition, 119
- neonatal behaviour, low-risk full-term infant, cultural background, neurological examination, behavioural assessment, 265
- neonatal behaviour, low-risk full-term infant, obstetric condition, neurological examination, behavioural assessment, 253
- **neonatal infection,** monocytosis, preterm infants, intensive care, 223
- neonate, vasopressin, human, fetus, skeletal muscle, 215
- neonates, visual acuity, development, preterms, fullterms, SGA, AGA, low birth weight, low-risk, 155
- neurological condition, fetal movements, movement quality, intrauterine growth retardation, low birth weight, 119
- neurological development, general movements, early infancy, video analysis, 201
- neurological development, preterm infant, asymmetric and symmetric intrauerine growth retardation, 7
- neurological examination, neonatal behaviour, low-risk full-term infant, obstetric condition, behavioural assessment, 253
- neurological examination, neonatal behaviour, low-risk full-term infant, cultural background, behavioural assessment, 265
- newborn, atrial natriuretic peptide, cyclic guanosine monophosphate, sodium excretion, preterm infant, 145
- newborn infant, heart rate variability, spectral analysis, data analysis, sleep, premature, 169
- obstetric condition, neonatal behaviour, low-risk full-term infant, neurological examination, behavioural assessment, 253
- oligohydramnios, fetal breathing movements, lung development, premature rupture of the amniotic membranes, 133
- parturition, thyrotropin, enthyroid neonates, 19 paternal smoking, anetpartum fetal death, congenital anomaly, exposure to hazards, risk factor, threatened abortion, 193

- pelvis, human development, fetuses, connective tissue, adipose tissue, 79
- peri- and neonatal cerebral lesions, preterm infants, EEG, bioelectrical maturation, 37
- premature birth, Hering Breuer reflex, lung function, compliance, tidal volume, 111
- premature, heart rate variability, spectral analysis, data analysis, sleep, newborn infant, 169
- premature rupture of the amniotic membranes, fetal breathing movements, lung development, oligohydramnios, 133
- preterm infant, atrial natriuretic peptide, cyclic guanosine monophosphate, sodium excretion, newborn, 145
- preterm infant, asymmetric and symmetric intrauerine growth retardation, neurological development, 7
- preterm infants, EEG, bioelectrical maturation, peri- and neonatal cerebral lesions, 37
- preterm infants, monocytosis, neonatal infection, intensive care, 223
- preterm infants, tympan temperature, body temperature, skin temperature, 1
- preterms, visual acuity, development, neonates, fullterms, SGA, AGA, low birth weight, low-risk, 155
- reciprocal activity, general movements, early infancy, EMG, co-contraction, 231
- rest-activity cycles, fetal heart rate, computer analysis, fetal behavioural state concept, interpretation of fetal heart rate patterns, 27
- risk factor, anetpartum fetal death, congenital anomaly, exposure to hazards, paternal smoking, threatened abortion, 193
- SGA, visual acuity, development, neonates, preterms, fullterms, AGA, low birth weight, low-risk, 155

- skeletal muscle, vasopressin, human, fetus, neonate, 215
- skin temperature, preterm infants, tympan temperature, body temperature, 1
- sleep, heart rate variability, spectral analysis, data analysis, newborn infant, premature, 169
- sodium excretion, atrial natriuretic peptide, cyclic guanosine monophosphate, preterm infant, newborn, 145
- spastic cerebral palsy, birth morphology, intrauterine growth, 91
- spectral analysis, heart rate variability, data analysis, sleep, newborn infant, premature 169
- steroids, sulphotransferase, fetus, lung, xenobiotics, 65
- sulphotransferase, fetus, lung, xenobiotics, steroids, 65
- threatened abortion, anetpartum fetal death, congenital anomaly, exposure to hazards, paternal smoking, risk factor, 193
- thyrotropin, enthyroid neonates, parturition, 19 tidal volume, Hering Breuer reflex, premature birth, lung function, compliance, 111
- tympan temperature, preterm infants, body temperature, skin temperature, 1
- vasopressin, human, fetus, neonate, skeletal muscle, 215
- video analysis, general movements, early infancy, neurological development, 201
- visual acuity, development, neonates, preterms, fullterms, SGA, AGA, low birth weight, low-risk, 155
- xenobiotics, sulphotransferase, fetus, lung, steroids, 65



Author index

Arkley, M.M., 215

Bamforth, K.J., 65 Benatti, A., 37 Blair, E., 91 Bolzani, R., 37

Cai, W.-W., 193
Campbell, D.J., 105
Carter, N., 145
Cass, P.L., 105
Chambers, H.M., 223
Chan, V., 111
Chard, T., 105
Clairambault, J., 169
Coughtrie, M.W.H., 65
Curzi-Dascalova, L., 169

Davies, D.P., 279 Davis, P., 279

Eishima, K., 253, 265

Ferrari, F., 37 Frigieri, G., 37 Fritsch, H., 79

Gardiner, A.A., 223

Giustardi, A., 37 Greenough, A., 111

Hadders-Algra, M., 201, 231 Herbert, M., 279 Hermans, A.J.M., 155 Hume, R., 65 Hurgoiu, V., 1

Jones, A.L., 65

Kauffmann, F., 169 Klip-Van den Nieuwendijk, A.W.J., 231 Kühnel, W., 79

Lao, T.T., 19 Leffler, C., 169 Littleton, P., 145

Mantel, R., 27 Martikainen, M.A., 7 McIntosh, N., 215 Médigue, C., 169 Midgley, J., 145 Modi, N., 145

Ori, L., 37 Oudesluys-Murphy, A.M., 155 Panesar, N.S., 19 Prechtl, H.F.R., 119, 133, 201, 231

Rajadurai, V.S., 223 Royston, P., 145

Schoemaker, H.C., 27 Sival, D.A., 119, 133 Smith, A., 145 Smith, A., 215 Stanley, F., 91 Stephen, R.I., 215 Swartjes, J.M., 27

Torricelli, A., 37

Van Eykern, L.A., 231 van Geijn, H.P., 27 Van Hof-van Duin, J., 155 Verrier Jones, E.R., 279 Vigneswaran, R., 223 Visser, G.H.A., 119, 133

Wang, H.S., 105 Wathen, N.C., 105

Yin Li, C., 19

Zhang, J., 193